

Listing of Claims

This listing of claims will replace all prior versions and listings of claims.

1-19. (Canceled)

~~20~~¹. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding amino acids -17 to 339 of SEQ ID NO:2;
- (b) a polynucleotide encoding amino acids -16 to 339 of SEQ ID NO:2;
- (c) a polynucleotide encoding amino acids 1 to 339 of SEQ ID NO:2;
- (d) a polynucleotide encoding the IL-1R AcM polypeptide having the complete amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666;
- (e) a polynucleotide encoding the mature IL-1R AcM polypeptide having the amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666; and
- (f) the complement of (a), (b), (c), (d), or (e).

~~21~~². (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (a).

~~22~~³. (Previously Presented) The isolated nucleic acid molecule of claim ~~21~~², which comprises nucleotides 303 to 1370 of SEQ ID NO:1.

~~23~~⁴. (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (b).

~~24~~⁵. (Previously Presented) The isolated nucleic acid molecule of claim ~~23~~⁴, which comprises nucleotides 306 to 1370 of SEQ ID NO:1.

~~25~~⁶. (Previously Presented) The isolated nucleic acid molecule of claim ~~20~~¹, wherein said polynucleotide is (c).

⁷
~~26.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~23~~⁶, which comprises nucleotides 354 to 1370 of SEQ ID NO:1.

⁸
~~27.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (d).

⁹
~~28.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (e).

¹⁰
~~29.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is (f).

30-37. (Canceled)

¹¹
~~38.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is DNA.

¹²
~~39.~~ (Previously Presented) The isolated nucleic acid molecule of claim ~~26~~¹, wherein said polynucleotide is RNA.

40-48. (Canceled)

¹³
~~49.~~ (Previously Presented) An isolated nucleic acid molecule consisting of a polynucleotide selected from the group consisting of:

- (a) a polynucleotide encoding amino acids -17 to 339 of SEQ ID NO:2;
- (b) a polynucleotide encoding amino acids -16 to 339 of SEQ ID NO:2;
- (c) a polynucleotide encoding amino acids 1 to 339 of SEQ ID NO:2;
- (d) a polynucleotide encoding the IL-1R AcM polypeptide having the complete amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666;

(e) a polynucleotide encoding the mature IL-1R AcM polypeptide having the amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. 97666; and

(f) the complement of (a), (b), (c), (d), or (e).

¹⁴
50. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (a).

¹⁵
51. (Previously Presented) The isolated nucleic acid molecule of claim ¹⁴50, which comprises nucleotides 303 to 1370 of SEQ ID NO:1.

¹⁶
52. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (b).

¹⁷
53. (Previously Presented) The isolated nucleic acid molecule of claim ¹⁶52, which comprises nucleotides 306 to 1370 of SEQ ID NO:1.

¹⁸
54. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (c).

¹⁹
55. (Previously Presented) The isolated nucleic acid molecule of claim ¹⁸54, which comprises nucleotides 354 to 1370 of SEQ ID NO:1.

²⁰
56. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (d).

²¹
57. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (e).

²²
58. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is (f).

²³
60. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is DNA.

²⁴
61. (Previously Presented) The isolated nucleic acid molecule of claim ¹³49, wherein said polynucleotide is RNA.

²⁵
62. (Previously Presented) The polynucleotide of claim ¹20, wherein said polynucleotide is fused to a heterologous polynucleotide.

²⁶
63. (Previously Presented) The polynucleotide of claim ²⁵62, wherein said heterologous polynucleotide encodes a heterologous polypeptide.

²⁷
64. (Previously Presented) The polynucleotide of claim ¹³49, wherein said polynucleotide is fused to a heterologous polynucleotide.

²⁸
65. (Previously Presented) The polynucleotide of claim ²⁷64, wherein said heterologous polynucleotide encodes a heterologous polypeptide.

²⁹
66. (Previously Presented) A vector comprising the isolated polynucleotide of claim ¹20.

³⁰
67. (Previously Presented) The vector of claim ²⁹66, which is a plasmid.

³¹
68. (Previously Presented) The vector of claim ²⁹66, which is a baculovirus.

³²
69. (Previously Presented) A host cell comprising the isolated polynucleotide of claim ¹20 operatively associated with a heterologous regulatory sequence.

³³
70. (Previously Presented) The host cell of claim ³²69, which is E. coli.

³⁴
71. (Previously Presented) The host cell of claim ³²69, which is a COS cell.

³⁵
72. (Previously Presented) The host cell of claim ³²69, which is a CHO cell.

³⁶
73. (Previously Presented) A method of producing a protein that comprises culturing the recombinant host cell of claim ~~69~~³² under conditions such that said protein is expressed, and recovering said protein.